

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 1    | 10/588968  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:17 |
| S2    | 12   | 725/25,139,141,142,151,153.ccls. and (membership) and ((smart IC) with card)     | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:22 |
| S3    | 38   | "725".clas. and (membership) and ((smart IC) with card) and interface            | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:24 |
| S4    | 0    | (membership) and priviledge and ((smart IC) with card) and interface             | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:32 |
| S5    | 46   | custom same (membership) and ((smart IC) with card) and interface                | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:33 |
| S6    | 23   | (custom same member\$4 same display) and ((smart IC) with card)                  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:40 |
| S7    | 23   | (enhanced same member\$4 same display) and ((smart IC) with card)                | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:44 |
| S8    | 81   | "725".clas. and (member\$4 same (enhanced custom\$4) same (application display)) | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:50 |
| S9    | 4    | S8 and ((ic smart) with card)  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:50 |
| S10   | 564  | (membership) same ((ic smart) with card)   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:52 |
| S11   | 4    | S10 and "725".clas.  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 09:54 |
| S12   | 144  | ((content program) with reproduction) and (based same membership)                | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 10:26 |
| S13   | 2    | 725/25.ccls. and 725/39.ccls. and membership                                     | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 10:52 |
| S14   | 28   | 725/25.ccls. and membership  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/28 11:01 |
| S16   | 2    | jp-2003348685-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/07/28 11:06 |
| S18   | 2    | jp-2003190610-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/07/28 11:07 |
| S19   | 0    | (membership same ((smart ic) adj card) same information) and "725".clas.         | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/29 18:05 |
| S20   | 252  | (membership same ((smart ic) adj card) same information)                         | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/29 18:05 |
| S21   | 81   | S20 and ((dvd adj player) set\$1top\$1box stb receiver)                          | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/29 18:06 |
| S22   | 18   | S21 and (video) and @py<="2004"  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/29 18:06 |
| S23   | 59   | 725/132,140,152.ccls. and ((subscrib\$3 subscription member\$4) same card)       | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/07/29 18:13 |

|     |     |  |                        |    |    |                  |
|-----|-----|--|------------------------|----|----|------------------|
| S24 | 15  | 725/132,140,152.ccls. and ((subscrib\$3 subscription member\$4) same ((smart ic) adj card))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 18:13 |
| S25 | 298 | "725".clas. and ((subscrib\$3 subscription member\$4) same ((smart ic) adj card))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:01 |
| S26 | 149 | S25 and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:02 |
| S27 | 539 | ((switch selection) with unit) and ((subscrib\$3 subscription member\$4) same ((smart ic) adj card))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:11 |
| S28 | 114 | ((unlock\$3) same (feature function) same ((smart ic) adj card))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:22 |
| S29 | 1   | S28 and "725".clas.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:23 |
| S30 | 3   | S28 and (television)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 09:50 |
| S31 | 1   | "5367571".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 10:14 |
| S32 | 100 | ("5367571").URPN.  | USPAT                  | OR | ON | 2008/07/30 10:14 |
| S33 | 158 | OKAMOTO.in. and (ic with card)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 10:20 |
| S34 | 3   | S33 and (membership)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 10:20 |
| S35 | 124 | ((storage stor\$3) same (member\$4 subscriber\$4)) and ((storage stor\$3) and (non\$1member\$4 non\$1subscriber\$4)) and "725" clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 10:32 |
| S36 | 74  | S35 and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 10:40 |
| S37 | 0   | ("2002/0184629").URPN.   | USPAT                  | OR | ON | 2008/07/30 11:15 |
| S38 | 72  | "725".clas. and ((member\$4 subscriber\$4) with privilege)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 11:16 |
| S39 | 39  | S38 and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 11:16 |
| S40 | 1   | "6181335".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 11:34 |
| S41 | 165 | ("3891792"   "3978470"   "4197590"   "4361848"   "4381522"   "4398216"   "4484217"   "4488179"   "4528589"   "4605964"   "4621282"   "4633462"   "4639225"   "4688218"   "4688246"   "4695880"   "4697209"   "4706121"   "4712105"   "4724491"   "4792972"   "4805014"   "4816901"   "4829372"   "4829558"   "4829569"   "4860379"   "4876736"   "4885803"   "4920432"   "4928168"   "4947429"   "4949187"   "4959840"   "4961109"   "4975951"   "4977455"   "4995078"   "4996597"   "5001554"   "5015829"   "5020129"   "5027400"   "5036394"   "5036537"   "5038402"   "5046093"   "5047867"   "5049990"   "5056138"   "5057917"   "5073930"   "5075771"   "5077607"   "5078019"   "5091782"   "5093718" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/30 12:07 |

|     |      |   |                           |    |    |                     |
|-----|------|---|---------------------------|----|----|---------------------|
|     |      | "5103314"   "5105268"   "5130792"<br>"5132789"   "5133079"   "5144663"<br>"5150118"   "5151782"   "5151789"<br>"5152011"   "5155591"   "5166886"<br>"5172413"   "5182639"   "5202817"<br>"5206722"   "5206954"   "5216515"<br>"5221962"   "5223924"   "5225334"<br>"5235419"   "5237311"   "5247347"<br>"5253066"   "5253275"   "5260778"<br>"5283639"   "5289271"   "5293540"<br>"5293633"   "5323240"   "5327554"<br>"5339239"   "5339315"   "5341166"<br>"5341474"   "5343239"   "5343516"<br>"5345594"   "5349638"   "5353121"<br>"5355162"   "5357276"   "5365265"<br>"5367571"   "5375068"   "5390348"<br>"5396546"   "5404393"   "5404505"<br>"5410326"   "5410344"   "5414426"<br>"5416508"   "5432542"   "5440632"<br>"5461667"   "5473362"   "5479268"<br>"5481294"   "5500794"   "5561708"<br>"5561709"   "5570126"   "5661516"<br>"5663757"   "5689663").PN. OR<br>("5696906"   "5724091"   "5764276"  <br>"5793414"   "5805204"   "5877801"  <br>"5903319"   "D301037"   "D314383"  <br>"D325581"   "D329238"   "D331760"  <br>"Re36207").PN. OR ("6181335").URPN. |                           |    |    |                     |
| S42 | 1    | us-20050178833-\$ did.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>14:16 |
| S43 | 719  | (membership) and privilege and ((smart IC with card) and interface  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>14:21 |
| S44 | 5    | S43 and "725".clas. and @py<="2004"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>14:21 |
| S45 | 1    | "6769127".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>14:23 |
| S46 | 1    | ("5583576").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>14:41 |
| S47 | 54   | "725".clas. and (((ic smart) adj card) same (member\$4 subscriber\$4) same channel)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>15:24 |
| S48 | 33   | S47 and @py<="2004"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/30<br>15:24 |
| S49 | 114  | (((ic smart) adj card) same (member\$4 subscriber\$4) same channel) and @PY<="2004"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>09:25 |
| S50 | 75   | (((ic smart) adj card) same (member\$4 subscriber\$4)) and @PY<="2004" and "725".clas. and (schedule guide epg)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>09:57 |
| S51 | 7857 | "725".clas. and ((display show) same only subscribe\$1 same channel same (epg guide schedule))  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>10:29 |
| S52 | 34   | "725".clas. and ((display show) same only same subscribe\$1 same channel same (epg guide schedule)) and @py<="2004"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>10:30 |
| S53 | 19   | "725".clas. and lawler.in.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>10:31 |

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|-----|-----|---|------------------------|----|----|------------------|
| S54 | 4   | ("20020184650"   "20020184650"   "20030009757"   "20030070168"   "20050021609").PN.                         | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 10:50 |
| S55 | 80  | "725".clas. and white.in.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:02 |
| S56 | 39  | "725".clas. and white.in. and (guide schedule epg)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:03 |
| S58 | 19  | "725".clas. and white.in. and (guide schedule epg) and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:03 |
| S59 | 94  | "725".clas. and matthews.in. and (guide schedule epg) and @py<="2004"                                       | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:04 |
| S64 | 19  | "725".clas. and (((filter display show limit) with subscribed with channels) same (guide schedule epg ipg)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:15 |
| S65 | 0   | S64 and ((second with storage) same (guide schedule epg ipg))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:15 |
| S66 | 0   | S64 and ((second with memory) same (guide schedule epg ipg))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:15 |
| S67 | 15  | S64 and (store same (guide schedule epg ipg))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:16 |
| S68 | 206 | "725".clas. and (((member subscriber) with only) same storage)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:20 |
| S69 | 21  | "725".clas. and (((member subscriber) adj only) same storage)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:21 |
| S70 | 26  | "725".clas. and (((member subscriber) adj only) same application)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:22 |
| S71 | 79  | "725".clas. and ((subscriber adj only) with (function feature program privilege))                           | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:25 |
| S72 | 57  | S71 and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:25 |
| S74 | 2   | "725".clas. and ((member adj only) with (interface))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:28 |
| S75 | 3   | "725".clas. and (((member subscriber) adj only) with (section))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:31 |
| S76 | 290 | "725".clas. and (((member subscriber) adj only))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:31 |
| S77 | 197 | S76 and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:32 |
| S78 | 104 | S77 and (guide schedule epg ipg)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 11:32 |
| S79 | 1   | ((channel with premium) same request same storage) and (local same (storage memory))                        | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:05 |
| S80 | 923 | ((channel with information) same request same storage) and (local same (storage memory))                    | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:06 |
| S81 | 60  | S80 and "725".clas. and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:06 |
| S82 | 19  | S81 and (premium subscribed)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:07 |
| S85 | 25  | ((premium adj channel) with database)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:12 |
| S86 | 2   | ((premium adj channel) with database) and (broadcast with database)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 13:12 |

|     |     |  |                        |    |                  |                  |
|-----|-----|--|------------------------|----|------------------|------------------|
| S87 | 2   | (((premium subscribed) adj channel) with database) and (broadcast with database)   | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:13 |
| S88 | 22  | (((premium subscribed) adj channel) with separate)   | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:14 |
| S90 | 2   | (members\$1only) and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:27 |
| S91 | 0   | (subscribers\$1only) and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:28 |
| S92 | 1   | (subscriber\$1only) and "725".clas.  | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:28 |
| S93 | 3   | "725".clas. and (smart adj card) same (subscri\$5 member\$4) same rule   | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:32 |
| S94 | 1   | "5594493".pn.  | US-PGPUB; USPAT; USOCR | OR | ON               | 2008/07/31 13:40 |
| S95 | 77  | ("5594493").URPN.  | USPAT                  | OR | ON               | 2008/07/31 13:40 |
| S96 | 244 | ("20020002468"   "20020076051"   "20020107797"   "3935933"   "4011433"   "4108350"   "4124109"   "4195864"   "4412631"   "4544590"   "4568403"   "4674041"   "4723212"   "4742215"   "4794530"   "4825053"   "4837422"   "4841712"   "4868376"   "4882675"   "4910672"   "4930129"   "4941090"   "4949256"   "4954003"   "4985615"   "4992940"   "5019452"   "5019695"   "5025372"   "5056019"   "5060793"   "5060804"   "5063596"   "5115888"   "5117355"   "5128752"   "5161256"   "5162638"   "5173851"   "5185695"   "5200889"   "5202826"   "5227874"   "5256863"   "5285278"   "5287181"   "5287268"   "5299834"   "5308120"   "5353218"   "5380991"   "5402549"   "5417458"   "5420606"   "5450938"   "5466010"   "5471669"   "5473690"   "5483444"   "5484998"   "5491326"   "5491838"   "5500681"   "5501491"   "5513102"   "5515270"   "5530232"   "5531482"   "5535118"   "5537314"   "5559313"   "5564073"   "5577266"   "5577915"   "5578808"   "5579537"   "5594493"   "5612868"   "5621812"   "5642485"   "5644723"   "5649114"   "5649118"   "5650209"   "5687322"   "5689100"   "5691525"   "5710886"   "5727153"   "5734838"   "5742845"   "5754762"   "5761648"   "5765141"   "5767896"   "5774546"   "5774870"   "5776287"   "5791991"   "5794210"   "5797126"   "5802519"   "5804806"   "5806044"   "5806045"   "5815658"   "5822735"   "5822737"   "5832457"   "5844218"   "5845259"   "5854581"   "5855007"   "5857175"   "5859419"   "5865340"   "5865470"   "5868498"   "5880769"   "5884271"   "5884277"   "5884278"   "5887271").PN. OR<br>("5890135"   "5892827"   "5898838"   "5903732"   "5905246"   "5905908"   "5907350"   "5907830"   "5909486" | OR                     | ON | 2008/07/31 13:46 |                  |

|      |        |   |                           |    |    |                     |
|------|--------|---|---------------------------|----|----|---------------------|
|      |        | "5912453"   "5915244"   "5923884"<br>"5924072"   "5926795"   "5928082"<br>"5931947"   "5943651"   "5950173"<br>"5953047"   "5953705"   "5956694"<br>"5956695"   "5958174"   "5960082"<br>"5963917"   "5969318"   "5970469"<br>"5974399"   "5974549"   "5978013"<br>"5987795"   "5997042"   "6000608"<br>"6002771"   "6003113"   "6003134"<br>"6005942"   "6009411"   "6012635"<br>"6014634"   "6024286"   "6035280"<br>"6038551"   "6041309"   "6047325"<br>"6049778"   "6052468"   "6052690"<br>"6052785"   "6055509"   "6061660"<br>"6067526"   "6070147"   "6073238"<br>"6076068"   "6076069"   "6089611"<br>"6094656"   "6101422"   "6101477"<br>"6105002"   "6105865"   "6105873"<br>"6112987"   "6112988"   "6119933"<br>"6119945"   "6122631"   "6129274"<br>"6138907"   "6144948"   "6151586"<br>"6151587"   "6154751"   "6161870"<br>"6164549"   "6170061"   "6173269"<br>"6173891"   "6179205"   "6179710"<br>"6183017"   "6185541"   "6189100"<br>"6189787"   "6195666"   "6210276"<br>"6216014"   "6216204"   "6220510"<br>"6222914"   "6230143"   "6237145"<br>"6241287"   "6243687"   "6243688"<br>"6244958"   "6266647"   "6267263"<br>"6269158"   "6279112"   "6282516"<br>"6292785"   "6292786"   "6296191"<br>"6299530"   "6321208"   "6385723"<br>"6390374"   "6480935"   "6549773"<br>"6549912"   "6612490"   "6681995"<br>"6689345"   "RE34915"   "RE36116").PN.<br>OR ("7051923").URPN. |                           |    |    |                     |
| S97  | 55     | ("5767896").URPN.   | USPAT                     | OR | ON | 2008/07/31<br>13:56 |
| S98  | 138858 | ((subscriber member) with function\$5)  | USPAT                     | OR | ON | 2008/07/31<br>13:58 |
| S99  | 606    | S98 and "725".clas. and @py<="2004"   | USPAT                     | OR | ON | 2008/07/31<br>13:59 |
| S100 | 0      | "725".clas. and (non\$1subscriber with mode)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:04 |
| S101 | 7      | "725".clas. and (non\$1subscriber with operation)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:05 |
| S102 | 1      | "6607136".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:11 |

|      |     |   |                           |    |    |                     |
|------|-----|---|---------------------------|----|----|---------------------|
| S103 | 98  | ("2990646"   "4207696"   "4231184"  <br>"4390877"   "4637007"   "4640034"  <br>"4673371"   "4682370"   "4717364"  <br>"4840602"   "4851654"   "4857030"  <br>"4961229"   "4973286"   "4978840"  <br>"4984380"   "5176560"   "5191615"  <br>"5209695"   "5280527"   "5307051"  <br>"5314336"   "5356326"   "5407376"  <br>"5423073"   "5452901"   "5479408"  <br>"5583933"   "5606732"   "5635701"  <br>"5638047"   "5647787"   "5655945"  <br>"5697829"   "5708853"   "5740232"  <br>"5752880"   "5763862"   "5764512"  <br>"5764763"   "5764900"   "5774791"  <br>"5778187"   "5786764"   "5789733"  <br>"5800243"   "5809245"   "5815020"  <br>"5847752"   "5864794"   "5921674"  <br>"6016476"   "6018641"   "6019285"  <br>"6089942"   "6389055"   "H001469").PN.<br>OR ("6607136").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:15 |
| S104 | 0   | ((non\$1subscriber) with access) and "725".clas.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:20 |
| S105 | 11  | ((non\$1subscriber) with access) and "725".clas.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:21 |
| S106 | 1   | ((non\$1member) with access) and "725".clas.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:22 |
| S107 | 1   | ((non\$1subscriber) with function) and "725".clas.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:23 |
| S108 | 15  | ((non\$1subscriber) with (display interface)) and "725".clas.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>14:23 |
| S109 | 165 | ("3891792"   "3978470"   "4197590"  <br>"4361848"   "4381522"   "4398216"  <br>"4484217"   "4488179"   "4528589"  <br>"4605964"   "4621282"   "4633462"  <br>"4639225"   "4688218"   "4688246"  <br>"4695880"   "4697209"   "4706121"  <br>"4712105"   "4724491"   "4792972"  <br>"4805014"   "4816901"   "4829372"  <br>"4829558"   "4829569"   "4860379"  <br>"4876736"   "4885803"   "4920432"  <br>"4928168"   "4947429"   "4949187"  <br>"4959840"   "4961109"   "4975951"  <br>"4977455"   "4995078"   "4996597"  <br>"5001554"   "5015829"   "5020129"  <br>"5027400"   "5036394"   "5036537"  <br>"5038402"   "5046093"   "5047867"  <br>"5049990"   "5056138"   "5057917"  <br>"5073930"   "5075771"   "5077607"  <br>"5078019"   "5091782"   "5093718"  <br>"5103314"   "5105268"   "5130792"  <br>"5132789"   "5133079"   "5144663"  <br>"5150118"   "5151782"   "5151789"  <br>"5152011"   "5155591"   "5166886"  <br>"5172413"   "5182639"   "5202817"  <br>"5206722"   "5206954"   "5216515"  <br>"5221962"   "5223924"   "5225334"  <br>"5235419"   "5237311"   "5247347"  <br>"5253066"   "5253275"   "5260778"  <br>"5283639"   "5289271"   "5293540"  <br>"5293633"   "5323240"   "5327554"  <br>"5339239"   "5339315"   "5341166"  <br>"5341474"   "5343239"   "5343516" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>15:57 |

|      |     |  |                           |    |    |                     |
|------|-----|--|---------------------------|----|----|---------------------|
|      |     | "5345594"   "5349638"   "5353121"<br>"5355162"   "5357276"   "5365265"<br>"5367571"   "5375068"   "5390348"<br>"5396546"   "5404393"   "5404505"<br>"5410326"   "5410344"   "5414426"<br>"5416508"   "5432542"   "5440632"<br>"5461667"   "5473362"   "5479268"<br>"5481294"   "5500794"   "5561708"<br>"5561709"   "5570126"   "5661516"<br>"5663757"   "5689663").PN. OR<br>("5696906"   "5724091"   "5764276"  <br>"5793414"   "5805204"   "5877801"  <br>"5903319"   "D301037"   "D314383"  <br>"D325581"   "D329238"   "D331760"  <br>"Re36207").PN. OR ("6181335").URPN.   |                           |    |    |                     |
| S110 | 4   | ("20020184650"   "20020184650"  <br>"20030009757"   "20030070168"  <br>"20050021609").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:02 |
| S111 | 17  | "725".clas. and ((display\$3 show\$3) with<br>only with subscribed)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:03 |
| S112 | 10  | S111 and @py<= "2004"  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:03 |
| S113 | 17  | (guide schedule epg ipg) same (only with<br>subscribed with channel)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:06 |
| S114 | 11  | S113 and @py<= "2004"  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:07 |
| S115 | 1   | "6981273".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:16 |
| S116 | 1   | "5,988,078".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:21 |
| S117 | 138 | ("3891792"   "3978470"   "4197590"  <br>"4361848"   "4381522"   "4398216"  <br>"4484217"   "4488179"   "4528589"  <br>"4605964"   "4621282"   "4633462"  <br>"4639225"   "4688218"   "4688246"  <br>"4695880"   "4697209"   "4706121"  <br>"4712105"   "4724491"   "4792972"  <br>"4805014"   "4816901"   "4829372"  <br>"4829558"   "4829569"   "4860379"  <br>"4876736"   "4885803"   "4920432"  <br>"4928168"   "4947429"   "4949187"  <br>"4959840"   "4961109"   "4975951"  <br>"4977455"   "4995078"   "4996597"  <br>"5001554"   "5015829"   "5020129"  <br>"5027400"   "5036394"   "5036537"  <br>"5038402"   "5046093"   "5047867"  <br>"5049990"   "5056138"   "5057917"  <br>"5073930"   "5075771"   "5077607"  <br>"5078019"   "5091782"   "5093718"  <br>"5103314"   "5105268"   "5130792"  <br>"5132789"   "5133079"   "5144663"  <br>"5150118"   "5151782"   "5151789"  <br>"5152011"   "5155591"   "5166886"  <br>"5172413"   "5182639"   "5202817"  <br>"5206722"   "5206954"   "5216515"  <br>"5221962"   "5223924"   "5225334"  <br>"5235419"   "5237311"   "5247347"  <br>"5253066"   "5253275"   "5260778"  <br>"5283639"   "5289271"   "5293540"  <br>"5293633"   "5323240"   "5327554"  <br>"5339239"   "5339315"   "5341166" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/31<br>16:38 |

|      |     |   |                        |    |    |                  |
|------|-----|---|------------------------|----|----|------------------|
|      |     | "5341474"   "5343239"   "5343516"   "5345594"   "5349638"   "5353121"   "5355162"   "5357276"   "5365265"   "5367571"   "5375068"   "5390348"   "5396546"   "5404393"   "5404505"   "5410326"   "5410344"   "5414426"   "5416508"   "5432542"   "5440632"   "5461667"   "5473362"   "5479268"   "5481294"   "5500794"   "5561708"   "5561709"   "5570126"   "5661516"   "5663757"   "5689663").PN. OR ("5696906"   "5724091"   "5764276"   "5793414"   "5805204"   "5877801"   "5903319"   "D301037"   "D314383"   "D325581"   "D329238"   "D331760"   "Re36207").PN. |                        |    |    |                  |
| S118 | 5   | ("5699125"   "6020880"   "6212680"   "6401242"   "6721018").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 16:42 |
| S119 | 145 | (member\$4 subscriber\$4 subscription) same ((ic smart) with card) and "725".clas. and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 16:45 |
| S120 | 88  | S119 and (guide schedule epg ipg)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 16:45 |
| S121 | 3   | S119 and ((guide schedule epg ipg) same (subscribed with channel))  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 16:46 |
| S122 | 0   | (distribute same ((ic smart) adj card) same (member44 subscriber\$4)) and "725".clas. and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 17:25 |
| S123 | 0   | (distribute same ((ic smart) adj card) same (member44 subscriber\$4)) and "725".clas. and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 17:25 |
| S124 | 6   | (distribute same ((ic smart) adj card)) and "725".clas. and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 17:25 |
| S125 | 34  | ((non\$1member non\$1subscriber) with (content program\$4 application)) and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 08:50 |
| S126 | 30  | ("20020059581"   "20020199184"   "20030198462"   "20040221308"   "20050097601"   "3886302"   "4381522"   "4430669"   "4506387"   "4685131"   "4739510"   "4896347"   "4920432"   "5003384"   "5027400"   "5109482"   "5241671"   "5245420"   "5619249"   "5629733"   "5659350"   "6314572"   "6314575"   "6473903"   "6513160"   "6515680"   "6564383"   "6588013"   "6604240"   "6745391").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 08:56 |
| S127 | 1   | 10/803116   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:07 |
| S128 | 103 | "725".clas. and ((guide schedule epg) same premium same subscribe\$1)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:21 |
| S129 | 67  | S128 and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:21 |
| S130 | 1   | "725".clas. and ((guide schedule epg) same premium same subscribe\$1 same (filter limit)) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:22 |
| S131 | 18  | "725".clas. and ((guide schedule epg) same premium same subscribe\$1 same (display show)) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:22 |

|      |       |  |                        |    |    |                  |
|------|-------|--|------------------------|----|----|------------------|
| S132 | 37    | ("5815145").URPN.  | USPAT                  | OR | ON | 2008/08/01 09:30 |
| S133 | 138   | ((non\$1member non\$1subscriber) with (content program\$4 application)) and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:45 |
| S134 | 63    | S133 and television  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:45 |
| S135 | 110   | "725".clas. and (upgrade with interface)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:47 |
| S136 | 42    | S135 and @py<="2004" and (member subscriber)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 09:48 |
| S137 | 23    | ((non\$1member) with website)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:11 |
| S138 | 4     | S137 and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:11 |
| S139 | 36    | (special with (member) with website)   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:12 |
| S140 | 12    | (special with (member) with website) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:12 |
| S141 | 17436 | "725".clas. (member with services) and @py<="2004" and non\$1member  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:13 |
| S142 | 0     | "725".clas. and (member with services) and @py<="2004" and non\$1member  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:13 |
| S143 | 63    | "725".clas. and (member with services) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:13 |
| S144 | 98    | ("2990646"   "4207696"   "4231184"   "4390877"   "4637007"   "4640034"   "4673371"   "4682370"   "4717364"   "4840602"   "4851654"   "4857030"   "4961229"   "4973286"   "4978840"   "4984380"   "5176560"   "5191615"   "5209695"   "5280527"   "5307051"   "5314336"   "5356326"   "5407376"   "5423073"   "5452901"   "5479408"   "5583933"   "5606732"   "5635701"   "5638047"   "5647787"   "5655945"   "5697829"   "5708853"   "5740232"   "5752880"   "5763862"   "5764512"   "5764763"   "5764900"   "5774791"   "5778187"   "5786764"   "5789733"   "5800243"   "5809245"   "5815020"   "5847752"   "5864794"   "5921674"   "6016476"   "6018641"   "6019285"   "6089942"   "6389055"   "H001469").PN. OR ("6607136").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:18 |
| S145 | 7     | ("5144663"   "5953047"   "6002450"   "6035037"   "6392757"   "6745223"   "6882299").PN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:25 |
| S146 | 1     | "6745223".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 11:27 |
| S147 | 35    | ((smart ic) adj card) with mode and "725".clas.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 12:44 |
| S148 | 21    | S147 and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 12:44 |
| S149 | 4     | (((smart ic) adj card) with mode with operation) and "725".clas. and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 12:48 |

|      |     |  |                        |    |    |                  |
|------|-----|--|------------------------|----|----|------------------|
| S150 | 10  | ((smart ic) adj card) with (selection adj unit)) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/01 13:44 |
| S151 | 6   | ("6564995").URPN.  | USPAT                  | OR | ON | 2008/08/01 14:16 |
| S152 | 19  | "725".clas. and (selection with unit with display) same (guide schedule)   | USPAT                  | OR | ON | 2008/08/01 15:00 |
| S153 | 33  | "725".clas. and (ic adj card) with (slot inserted)   | USPAT                  | OR | ON | 2008/08/01 15:15 |
| S154 | 30  | "725".clas. and ((ic smart) adj card) with (points)  | USPAT                  | OR | ON | 2008/08/01 16:24 |
| S155 | 0   | "725".clas. and ((ic smart) adj card) with (member\$4 with points) and @py<="2004"   | USPAT                  | OR | ON | 2008/08/01 16:24 |
| S156 | 15  | "725".clas. and ((ic smart) adj card) with (points) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 16:24 |
| S157 | 28  | ("5835864").URPN.  | USPAT                  | OR | ON | 2008/08/01 16:26 |
| S158 | 4   | "725".clas. and ((ic smart) adj card) with (token) and @py<="2004"   | USPAT                  | OR | ON | 2008/08/01 17:01 |
| S159 | 0   | "725".clas. and ((ic smart) adj card) same (membership with points) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:02 |
| S160 | 4   | ((ic smart) adj card) same (membership with points) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:02 |
| S161 | 0   | ((ic smart) adj card) same (membership with reward) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:02 |
| S162 | 0   | ((ic smart) adj card) same (member with reward) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:03 |
| S163 | 0   | ((ic smart) adj card) same (subscriber with reward) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:03 |
| S164 | 35  | ((ic smart) adj card) same (subscriber same points) and @py<="2004"  | USPAT                  | OR | ON | 2008/08/01 17:04 |
| S165 | 579 | (((ic smart) adj card) same (slot interface) same (mode setting)) and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 11:45 |
| S166 | 29  | S165 and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 11:46 |
| S167 | 16  | (((ic smart) adj card) same (slot interface) same (mode with selection)) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 11:52 |
| S168 | 107 | (((ic smart) adj card) same (slot interface) same (mode with operation)) and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 11:54 |
| S169 | 1   | S168 and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 11:54 |
| S170 | 34  | ("3977785"   "4168396"   "4278837"   "4465901"   "4562306"   "4598810"   "4634807"   "4688169"   "4725079"   "4748561"   "4890319"   "4890321"   "4926480"   "5068894"   "5123045"   "5247575"   "5375240"   "5412191"   "5420405"   "5440631"   "5444779"   "5461217"   "5509070"   "5530520"   "5532920"   "5581708"   "5678029"   "5705798").PN. OR ("6564995").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 12:05 |

|      |       |  |                        |    |    |                  |
|------|-------|--|------------------------|----|----|------------------|
| S171 | 295   | ((ic smart) adj card) same (slot interface)) and (mode with set\$3) and (instruction with unit) and ((inquiry determin\$3) with unit)                                    | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 12:10 |
| S172 | 116   | S171 and @py<="2004"   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 12:11 |
| S173 | 3     | S172 and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 12:11 |
| S174 | 13314 | ((member subscriber) with only with (content program application))   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 16:57 |
| S175 | 696   | ((member subscriber) with only with (content program application) same storage)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 16:58 |
| S176 | 52    | ((member subscriber) with only with (content program application) same storage) and "725".clas. and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 16:58 |
| S177 | 4     | ((member subscriber) adj only with storage) and "725".clas. and @py<="2004"  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/02 16:59 |
| S178 | 1     | "5524195".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/02 10:08 |
| S179 | 8767  | "715".clas. and (subscriber member)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/02 10:19 |
| S180 | 2849  | S179 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/02 10:19 |
| S181 | 409   | "715".clas. and ((subscriber member) with interface) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/02 10:20 |
| S182 | 14    | ("5173589"   "5218406"   "5367571"   "5497418"   "5601435"   "5835864"   "5923759"   "5990927").PN. OR ("6452616").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/02 10:44 |
| S183 | 184   | ((ic smart) adj card) same program) and "725".clas. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:25 |
| S184 | 126   | ((ic smart) adj card) with program) and "725".clas. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:25 |
| S185 | 22    | ((ic smart) adj card) with program) and 725/25-31.ccls. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:29 |
| S186 | 1     | "6452616".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:31 |
| S187 | 0     | ((ic smart) adj card) with application same (authroiz\$5)) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:35 |
| S188 | 8     | ((ic smart) adj card) with load\$3) and 725/25-31.ccls. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 09:37 |
| S189 | 16    | ("5757417"   "5915085"   "5925127"   "5978381"   "6044466"   "6047377"   "6115079"   "6163316"   "6256393"   "6484261"   "6665869"   "6745245").PN. OR ("6948183").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 10:21 |
| S190 | 18    | ((ic smart) adj card) with interface) and 725/25-31.ccls. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 14:17 |
| S191 | 2     | "725".clas. and (basic adj program adj guide) and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 15:58 |

|      |     |  |                        |    |    |                  |
|------|-----|--|------------------------|----|----|------------------|
| S192 | 31  | "725".clas. and (version adj program adj guide) and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 17:07 |
| S193 | 14  | ("5173589"   "5218406"   "5367571"   "5497418"   "5601435"   "5835864"   "5923759"   "5990927").PN. OR ("6452616").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 17:53 |
| S194 | 32  | ("5105268"   "5235328"   "5282244").PN. OR ("5835864").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 17:56 |
| S195 | 30  | ("20010005901"   "20010037502"   "20020007488"   "20020010932"   "20020029347"   "20020044656"   "20020087968"   "20020133413"   "20030093812"   "20030105679"   "5397571"   "5481609"   "5734589"   "5835864"   "5852290"   "5923759"   "5987612"   "6014748"   "6055314"   "6405369"   "6424947"   "6452616"   "6487723"   "6594361"   "6615254"   "6714650"   "6738047"   "6754904"   "6813639"   "7003500").PN. OR ("7134134").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 18:01 |
| S196 | 1   | "6745223".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 09:12 |
| S197 | 1   | "6637029".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 09:12 |
| S198 | 34  | ("3977785"   "4168396"   "4278837"   "4465901"   "4562306"   "4598810"   "4634807"   "4688169"   "4725079"   "4748561"   "4890319"   "4890321"   "4926480"   "5068894"   "5123045"   "5247575"   "5375240"   "5412191"   "5420405"   "5440631"   "5444779"   "5461217"   "5509070"   "5530520"   "5532920"   "5581708"   "5678029"   "5705798").PN. OR ("6564995").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 09:23 |
| S199 | 32  | ("5105268"   "5235328"   "5282244").PN. OR ("5835864").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 09:36 |
| S200 | 78  | ((ic smart) adj card) and 725/25-31.clcs. and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 09:40 |
| S201 | 137 | (premium with (guide epg ipg)) and "725".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 10:24 |
| S202 | 89  | S201 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 10:25 |
| S203 | 4   | ("6948183").URPN.  | USPAT                  | OR | ON | 2009/02/06 10:32 |
| S204 | 0   | (fee-based) with guide and "725".clas.   | USPAT                  | OR | ON | 2009/02/06 10:42 |
| S205 | 18  | (fee) with guide and "725".clas.   | USPAT                  | OR | ON | 2009/02/06 10:43 |
| S206 | 48  | (menu interface guide) with non-subscriber and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 11:05 |
| S207 | 8   | (((non-member) (non-subscriber)) with mode).clm.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 11:40 |
| S208 | 17  | (((non-member) (non-subscriber)) with (interface menu guide)).clm.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 11:41 |
| S209 | 46  | "725".clas. and (guide with separate with stor\$3)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 15:01 |

|      |       |   |                        |    |    |                  |
|------|-------|---|------------------------|----|----|------------------|
| S210 | 17    | S209 and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 15:03 |
| S211 | 79    | "725".clas. and (second with storage same guide)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 15:13 |
| S212 | 23    | "725".clas. and (second adj storage same (guide schedule epg ipg))  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 15:59 |
| S213 | 6     | S212 and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 16:00 |
| S214 | 1676  | okamoto.in. and interface   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 16:47 |
| S215 | 0     | okamoto.in. and interface and (member-only)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 16:47 |
| S216 | 607   | okamoto.in. and interface and (member subscriber)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 16:48 |
| S217 | 7     | S216 and "725".clas.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/06 16:48 |
| S218 | 12899 | (card same (application program) same member)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:21 |
| S219 | 1294  | (card same (application program) same member) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:21 |
| S220 | 166   | ((ic smart) near3 card same (application program) same member) and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:22 |
| S221 | 58    | S220 and (dvd (media adj player))   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:23 |
| S222 | 58    | ((ic smart) near3 card same (application program) same member same interface) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:24 |
| S223 | 29    | "725".clas. and ((ic smart) near2 card same member) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:39 |
| S224 | 1     | 10/517444.app.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:48 |
| S225 | 10    | ("20020026445"   "20020077988"   "20020077988"   "5892900"   "6131090"   "6236971"   "6334118"   "6434535"   "6463539"   "6515212"   "6708879").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 15:49 |
| S226 | 1     | "7318774".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/05 16:00 |
| S227 | 7     | ("5655961"   "5766076"   "5833540"   "6039648"   "6135884"   "6319125"   "6364768").PN. OR ("7318774").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/07 11:07 |
| S228 | 5549  | ((ic smart) adj card) same (processor cpu unit) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 10:58 |
| S229 | 1433  | S228 and game   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 10:58 |
| S230 | 549   | S229 and "463".clas.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 10:58 |
| S231 | 12    | ((ic smart) adj card) same (processor cpu unit) same membership same point and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:01 |
| S232 | 45    | ((ic smart) adj card) same (processor cpu unit) same membership and game and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:10 |

|      |     |  |                        |    |    |                  |
|------|-----|--|------------------------|----|----|------------------|
| S233 | 16  | "463".clas. and (game near3 console) and ((first near3 storage) same program) and @rlad< = "20040331"            | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:30 |
| S234 | 13  | "463".clas. and (slot near3 machine) and ((first near3 storage) same program) and @rlad< = "20040331"            | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:31 |
| S235 | 40  | bryant.in. and "463".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:32 |
| S236 | 103 | "463".clas. and (member near5 (program application)) and @rlad< = "20040331"                                     | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:46 |
| S237 | 98  | S236 and (memory storage)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 11:46 |
| S238 | 72  | ((ic smart) adj card) same (multiple plurality) near3 (member user) and prioritiz\$3 and @rlad< = "20040331"     | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:16 |
| S239 | 0   | S238 and "463".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:17 |
| S240 | 323 | ((ic smart) adj card) same (multiple plurality) near3 (member user) and @rlad< = "20040331"                      | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:18 |
| S241 | 59  | ((ic smart) adj card) same ((family) near3 (member user)) and @rlad< = "20040331"                                | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:28 |
| S242 | 0   | S241 and "463".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:29 |
| S243 | 20  | S241 and game  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:29 |
| S244 | 359 | ((ic smart) adj card) same (stor\$3 with multiple) and @rlad< = "20040331"                                       | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:31 |
| S245 | 129 | ((ic smart) adj card) same (stor\$3 with multiple with user) and @rlad< = "20040331"                             | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 14:31 |
| S246 | 89  | ((ic smart) adj card) same (select\$3 near2 mode) and @rlad< = "20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:03 |
| S247 | 0   | S246 and "463".clas.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:03 |
| S248 | 28  | ((ic smart) adj card) same (select\$3 near2 mode) and member\$4 and @rlad< = "20040331"                          | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:04 |
| S249 | 15  | ((ic smart) adj card) same members and @rlad< = "20040331" and "463".clas.                                       | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/08 15:14 |
| S250 | 640 | "463".clas. and ((first and second) near2 (application program))   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:27 |
| S252 | 199 | S250 and @rlad< = "20040331"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:27 |
| S253 | 146 | "463".clas. and ((second) adj (storage memory)) and @rlad< = "20040331"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:48 |
| S254 | 51  | "463".clas. and ((second) adj (storage memory) with (application program)) and @rlad< = "20040331"               | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:49 |
| S255 | 3   | "463".clas. and ((second) adj (storage memory) with (member) with (application program)) and @rlad< = "20040331" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:52 |
| S256 | 24  | (first adj (memory storage) same (member with (application program game))) and @rlad< = "20040331"               | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/19 14:56 |

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|------|------|--|------------------------|----|-----|------------------|
| S257 | 120  | "463".clas. and ((smart ic) adj card) same processor and membership  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:07 |
| S258 | 61   | S257 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:07 |
| S259 | 0    | "463".clas. and ((smart ic) adj card) same processor same mode and membership and @rlad<="20040331"                  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:08 |
| S260 | 0    | "463".clas. and ((smart ic) adj card) same (processor cpu controller) same mode and membership and @rlad<="20040331" | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:11 |
| S261 | 63   | "463".clas. and ((smart ic) adj card) same (processor cpu controller) and membership and @rlad<="20040331"           | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:11 |
| S262 | 2    | "463".clas. and ((smart ic) adj card) same (processor cpu controller) same mode and @rlad<="20040331"                | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/19 15:13 |
| S263 | 1    | us-20030110514-\$ did.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/20 13:56 |
| S264 | 1    | 11/764037.app.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/20 14:12 |
| S265 | 0    | okamoto.in. and (member and application).clm.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/21 11:23 |
| S266 | 51   | okamoto.in. and (member and application).clm.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/21 11:24 |
| S267 | 1    | S266 and membership  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/07/21 11:24 |
| S268 | 1673 | okamoto.in. and (member).clm.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 10:25 |
| S269 | 11   | okamoto.in. and (member and (card (secure near3 device))).clm.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 10:25 |
| S270 | 7    | 725/25-31.ccls. and (smart with card) same member  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 10:37 |
| S271 | 186  | (smart with card) same member same interface   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 11:16 |
| S272 | 85   | S271 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 11:16 |
| S273 | 13   | (smart with card) same membership same interface and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 11:16 |
| S274 | 6    | "725" clas. and (select\$3 with hdtv with sdtv)  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 14:10 |
| S275 | 13   | "725".clas. and (select\$3 with format with based and hdtv with sdtv)  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/02/17 14:13 |
| S276 | 47   | (smart adj card) and (stor\$3 same (application program) same custom\$4 same membership)                             | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/22 12:36 |
| S277 | 20   | S276 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/22 12:37 |
| S278 | 70   | (smart adj card) same (membership same (application program)) and @rlad<="20040331"                                  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 10:57 |
| S279 | 11   | (smart adj card) same (membership with (application program)) and @rlad<="20040331"                                  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 10:58 |

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|------|------|--|------------------------|----|-----|------------------|
| S280 | 20   | (smart adj card) same (customized with (application program)) and @rlad<="20040331"                          | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 11:51 |
| S281 | 37   | (smart adj card) same (customized with (game)) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:25 |
| S282 | 273  | "463".clas. and ((smart adj card) with (game)) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:26 |
| S283 | 0    | "463".clas. and ((smart adj card) with (game) same membership) and @rlad<="20040331"                         | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:26 |
| S284 | 6    | "463".clas. and ((smart adj card) with (game) and membership) and @rlad<="20040331"                          | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:26 |
| S285 | 7    | "463".clas. and ((smart adj card) same (game) with (customized custom)) and @rlad<="20040331"                | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:53 |
| S286 | 1    | "463".clas. and ((smart adj card) same (application program) with (customized custom)) and @rlad<="20040331" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/26 12:54 |
| S287 | 55   | "463".clas. and ((smart adj card) and membership same game)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/31 12:31 |
| S288 | 18   | S287 and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/07/31 12:31 |
| S289 | 217  | 726/9,20.ccis. and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 11:15 |
| S290 | 0    | S289 and (smart adj card) same (authorization same decision)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 11:17 |
| S291 | 7    | S289 and (smart adj card) same (authorization same key)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 11:17 |
| S292 | 30   | S289 and (smart adj card) same (processor)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 11:22 |
| S293 | 14   | S289 and (smart adj card) same (decrypt \$3)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 11:32 |
| S294 | 1    | "6779112".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/03 14:46 |
| S295 | 217  | 726/9,20.ccis. and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/04 10:18 |
| S296 | 37   | S295 and (smart adj card) same determin \$3  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/04 10:18 |
| S297 | 22   | S295 and (smart adj card) with determin \$3  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/04 10:18 |
| S298 | 12   | okamoto.in. and (interface and application).clm.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/08/05 09:22 |
| S299 | 24   | okamoto.in. and (mode and application).clm.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/08/05 09:23 |
| S300 | 1835 | okamoto.in. and (member\$4).clm.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/01/04 14:01 |
| S302 | 1    | okamoto.in. and (member near3 mode).clm. and (secure near2 device)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/01/04 14:02 |
| S303 | 5    | okamoto.in. and (member near3 mode).clm.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/01/04 14:03 |
| S304 | 0    | 725/132,140,152.ccis. and (membership with card) and (smart\$1card same display)                             | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/01/04 14:04 |

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|------|-----|--|------------------------|----|-----|------------------|
| S305 | 2   | (multiple with membership) same ((smart ic) near3 card) and @rlad<="20040331" and "705".clas.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/27 13:05 |
| S306 | 2   | (multiple with membership) same ((smart ic) near3 card) and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/27 13:06 |
| S307 | 1   | ((various plurality) with membership) same ((smart ic) near3 card) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/27 13:06 |
| S308 | 1   | "6708893".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/27 13:12 |
| S309 | 26  | (US-20080040738-\$ or US-20040123327-\$ or US-20020184629-\$ or US-20040261116-\$ or US-20010037502-\$ or US-20050240963-\$ or US-20020199184-\$ or US-20030065957-\$ or US-20020129370-\$ or US-20050124407-\$ or US-20040255131-\$).did. or (US-6681395-\$ or US-6181335-\$ or US-6769127-\$ or US-6622303-\$ or US-6607136-\$ or US-7134134-\$ or US-6452616-\$ or US-6564995-\$ or US-6948183-\$ or US-5990927-\$ or US-5835864-\$ or US-7480929-\$ or US-7318774-\$ or US-6779112-\$ or US-6708893-\$).did. | US-PGPUB; USPAT        | OR | OFF | 2011/07/27 14:26 |
| S310 | 7   | S309 and genre   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/27 14:27 |
| S311 | 16  | ("5655961"   "5766076"   "5833540"   "6039649"   "6135884"   "6319125"   "6364768").PN. OR ("7318774").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/27 14:28 |
| S312 | 12  | ("2005/0124407").URPN.   | USPAT                  | OR | OFF | 2011/07/27 14:29 |
| S313 | 8   | "7018293"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 09:29 |
| S314 | 1   | "7018293".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 09:29 |
| S315 | 1   | "7232073".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 11:17 |
| S316 | 463 | (slot with machine) same (genre theme) and @rlad<="20040331"   | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/28 15:15 |
| S317 | 286 | S316 and ((ic smart) with card)  | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/28 15:15 |
| S318 | 0   | S317 and (membership with sign\$3)   | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/28 15:15 |
| S319 | 1   | S317 and (membership with join\$3)   | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/28 15:15 |
| S320 | 14  | (slot with machine) same (genre theme) same (movie drama sport) and @rlad<="20040331"  | US-PGPUB; USPAT; USOCR | OR | ON  | 2011/07/28 15:17 |
| S321 | 1   | 10/059,946.app.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 15:40 |
| S322 | 9   | huerta.xa.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 16:49 |
| S323 | 1   | 10/227,115.app.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 18:03 |
| S324 | 1   | 11/767349.app.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/07/28 18:08 |

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|------|-----|--------------------------------------|---------------------------|----|-----|---------------------|
| S325 | 1   | "7440950".pn.                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>18:11 |
| S326 | 258 | 726/9,20.ccls. and @rlad<="20040331" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/29<br>20:22 |
| S327 | 2   | S326 and (member with interface)     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/29<br>20:23 |
| S328 | 45  | OKAMOTO.in. and (smart with card)    | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/29<br>20:23 |

**EAST Search History (Interference)**

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**7/ 29/ 2011 8:35:58 PM**

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